



Attorney's Docket No.: 14875-092001 / D1-A0009-US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Hiroaki Yamamoto et al. Art Unit : 1652
Serial No. : 10/020,674 Examiner : Yong D. Pak
Filed : October 30, 2001
Title : NOVEL (R)-2,3-BUTANEDIOL DEHYDROGENASE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT IN REPLY TO ACTION OF AUGUST 18, 2003

Please amend the above-identified application as follows:

Amendments to the specification begin on page 2 of this paper.

Amendments to the claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks/Arguments begin on page 12 of this paper.

Appendix A and Appendix B (parts 1, 2 and 3) are attached following page 20 of this paper.

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date of Deposit

December 16, 2003

Signature

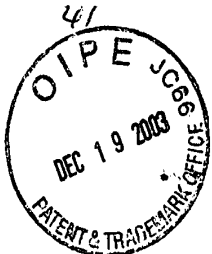
Teri Barnett

Typed or Printed Name of Person Signing Certificate

12/24/2003 ZJUNAR1 00000001 10020674

01 FC:1202
02 FC:1201

378.00 OP
774.00 OP



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Alexandria, VA 22313-1450

TRANSMITTAL LETTER AND PETITION FOR AUTOMATIC EXTENSION

Correspondence relating to this application is enclosed. The required fees are computed below. Please apply any charges not covered, or any credits, to Deposit Account No. 06-1050.

| | | | | | | |
|---|----|---|----|---|----|-------|
| Total Claims | 44 | - | 23 | = | 21 | \$378 |
| Independent | 12 | - | 3 | = | 9 | \$774 |
| First Presentation of Multiple Dependent Claims | | | | | | \$0 |

Applicant hereby petitions under 37 C.F.R. §1.136 for a 1 month extension of time.

\$110

TOTAL FEE DUE

\$1262

A check for \$1262 is attached.

Respectfully submitted,

Reg No. 49900
Janis K. Fraser, Ph.D., J.D. for
Reg. No. 34,819

Date: 12/16/03

Fish & Richardson P.C.
222 Franklin Street
Boston, MA 02110-2804
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Teri Barnett
Teri Barnett

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03 FC:1251

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